

## IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

### Listing of Claims

1. (Currently Amended)      An information processing device comprising:  
sound signal obtaining means for obtaining a sound signal;  
sound signal analyzing means for frequency-analyzing said obtained sound signal;  
frequency-analyzed picture producing means for producing a specified frequency-analyzed picture on the basis of a result of said frequency-analysis;

first judging means for judging whether or not a level of a first frequency band is above a first predetermined threshold value;

selected picture switching means that switches and selects one among a plurality of registered pictures as a selected picture on the basis of a said level of a said first frequency band of the analyzed sound signal from said sound signal analyzing means, when said first judging means judges that said level of said first frequency band is above said first predetermined threshold value;

second judging means for judging whether or not a level of a second frequency band is below a second predetermined threshold value;

composed picture display means that displays a composed picture produced by composing said frequency-analyzed picture and said selected picture, when said second judging means judges that said level of said second frequency band is below said second predetermined threshold value; and

~~composing method~~ changing means ~~that changes a composing method for~~  
changing a composing process of said frequency analyzed picture and said selected picture on  
the basis of a said level of a said second frequency band of the analyzed sound signal from said  
sound signal analyzing means, when said second judging means judges that said level of said  
second frequency band is above said second predetermined threshold value.

2. (Original) The information processing device according to claim 1, wherein  
said composed picture display means produces said composed picture by logically  
operating a picture element of said frequency-analyzed picture and a corresponding picture  
element of said selected picture.

3-4. (Canceled)

5. (Currently Amended) An information processing device comprising:  
sound signal obtaining means for obtaining a sound signal taken in from a  
microphone;  
sound signal analyzing means for frequency-analyzing said obtained sound signal;  
frequency-analyzed picture producing means for producing a specified frequency-  
analyzed picture on the basis of a result of said frequency-analysis;  
storing means for storing a plurality of pictures;  
first judging means for judging whether or not a level of a first frequency band is  
above a first predetermined threshold value;

selected picture switching means that switches and selects one among a plurality of said registered pictures as a selected picture on the basis of a said level of a said first frequency band of the analyzed sound signal from said sound signal analyzing means, when said first judging means judges that said level of said first frequency band is above said first predetermined threshold value;

second judging means for judging whether or not a level of a second frequency band is below a second predetermined threshold value;

composed picture display means that displays a composed picture produced by composing said frequency-analyzed picture and said selected picture, when said second judging means judges that said level of said second frequency band is below said second predetermined threshold value; and

composing method changing means that changes a composing method of said frequency analyzed picture and said selected picture on the basis of a said level of a said second frequency band of the analyzed sound signal from said sound signal analyzing means, when said second judging means judges that said level of said second frequency band is above said second predetermined threshold value.

6. (Original) The information processing device according to claim 5, wherein said composed picture display means produces said composed picture by logically operating a picture element of said frequency-analyzed picture and a corresponding picture element of said selected picture.

7-8. (Canceled)

9. (Currently Amended) A picture producing method comprising the steps  
of:

obtaining a sound signal;

frequency-analyzing said obtained sound signal;

producing a specified frequency-analyzed picture on the basis of a result of said  
frequency-analysis;

judging whether or not a level of a first frequency band is above a first  
predetermined threshold value via a first judging means;

switching and selecting one among a plurality of registered pictures as a selected  
picture on the basis of a said level of a said first frequency band of the analyzed sound signal,  
when said first judging means judges that said level of said first frequency band is above said  
first predetermined threshold value;

judging whether or not a level of a second frequency band is below a second  
predetermined threshold value via a second judging means;

displaying a composed picture produced by composing said frequency-analyzed  
picture and said selected picture, when said second judging means judges that said level of said  
second frequency band is below said second predetermined threshold value; and

changing a composing method of said frequency analyzed picture and said  
selected picture on the basis of a said level of a said second frequency band of the analyzed  
sound signal, when said second judging means judges that said level of said second frequency  
band is above said second predetermined threshold value.

10. (Original) The picture producing method according to claim 9, wherein  
said step of displaying a composed picture produces said composed picture by  
logically operating a picture element of said frequency-analyzed picture and a corresponding  
picture element of said selected picture.

11-12. (Canceled)

13. (Currently Amended) A program storing medium that makes an  
information processing device execute a program, said medium comprising the steps of:  
obtaining a sound signal;  
frequency-analyzing said obtained sound signal;  
producing a specified frequency-analyzed picture on the basis of a result of said  
frequency-analysis;

judging whether or not a level of a first frequency band is above a first  
predetermined threshold value via a first judging means;

switching and selecting one among a plurality of registered pictures as a selected  
picture on the basis of a said level of a said first frequency band of the analyzed sound signal,  
when said first judging means judges that said level of said first frequency band is above said  
first predetermined threshold value;

judging whether or not a level of a second frequency band is below a second  
predetermined threshold value via a second judging means;

displaying a composed picture produced by composing said frequency-analyzed picture and said selected picture, when said second judging means judges that said level of said second frequency band is below said second predetermined threshold value; and

changing a composing method of said frequency analyzed picture and said selected picture on the basis of a said level of a said second frequency band of the analyzed sound signal, when said second judging means judges that said level of said second frequency band is above said second predetermined threshold value.

14. (Original) The program storing medium according to claim 13, wherein  
said step of displaying a composed picture produces said composed picture by  
logically operating a picture element of said frequency-analyzed picture and a corresponding  
picture element of said selected picture.

15. (Canceled)